



HAVERFORDWEST
RURAL DISTRICT COUNCIL

ANNUAL REPORT

of the
MEDICAL OFFICER OF HEALTH
and
CHIEF PUBLIC HEALTH INSPECTOR

for the Year
1964

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W. J. Y. SPEEDY, M.B., B.Ch., L.R.C.P.&S., D.P.H.,

Medical Officer of Health

W. D. MORGAN, LL.B., M.A.P.H.I., C.R.S.H.,

Chief Public Health Inspector and Housing Manager.



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H A V E R F O R D W E S T
R U R A L D I S T R I C T C O U N C I L

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Preface to the Report

District Health Office,
County Health Department,
Merlins Hill,
Haverfordwest.
October, 1965

To the Chairman and Members of
the Haverfordwest Rural District Council.

Mr. Chairman, Madam and Gentlemen,

We present the Annual Report for the year 1964. The main items may be summarised as follows:—

Population.

There was a considerable increase in the estimated population, the figure now almost reaching 23,000.

Births.

The Birth Rate dropped slightly over the preceding year, but still compares favourably with the National birth rate.

There was an increase in both the number of Still-births and Illegitimate births, but both figures approach the average for the past 17 year period.

Deaths.

The general death-rate was considerably lower than 1963, and compares very favourably with the National death rate.

There was a substantial decrease in the deaths attributed to Cancer and the Cancer death rate compares favourably with the National rate.

There were small increases in the deaths attributed to Accidents, Tuberculosis and Infant Deaths, over the preceding year. The numbers, however, compare favourably with the 17 year average.

Infectious Disease.

Apart from Measles and Whooping Cough, the incidence of Infectious Disease was low during the year.

The comparative table will show the marked reduction of fresh cases of Tuberculosis over the past 17 years.

Environmental Hygiene and Sanitation.

The work of the department extends to many fields and most of these functions are dealt with in some detail in this report. Most of this is work which has been carried out over the years and we are now able to see some progress, particularly in housing and the sewerage of smaller villages.

However, new functions now have to be undertaken by the health department and probably the most important is the problem of air pollution. As industry comes into the area, air pollution increases and we have had to embark on a large scale programme of air pollution research. The power station to be built at Pennar has been the subject of a great deal of controversy in-as-much as it will be one of

the biggest emitters of atmospheric sulphur in the country, and the position must be watched very carefully.

Health problems also arise from the development in the area of industrialised farming methods e.g. large scale turkey breeding and packing stations with the problems that they produce in the disposal of effluent and other waste matters.

As a housing authority the Rural District Council has prepared for the erection of houses for industry. The effect of industry is already being felt in the areas along the Haven where numbers of industrial workers and their families are moving into the area. The building programme enlarged to meet these demands is not being carried out at the expense of normal building to meet local demands and to complete our programme of slum clearance. There is still a number of old people living in unsatisfactory conditions who do not wish to take the tenancy of two bedroomed bungalows and many remain in dilapidated cottages until they are too infirm to look after themselves. The Council can make a valuable contribution to solving this problem by the building of flatlets to which can be attached a Warden service and the building of this has been approved in principle. When suitable sites are found, work will be commenced by the Building Surveyor on blocks of say eight to twelve of these flats with a two bedroomed warden flat. It is not the intention to provide full time care for the tenants, but to make sure that help is always available where needed and if necessary some domestic help, so that old people can preserve their independence as long as possible.

Conclusion.

We feel that a tribute is due to the Chairman and Members of the Committee for being thoroughly progressive in their discussions, and for the way in which pressure has been brought for improvements in all corners of the Rural District and not only in the larger villages.

Also we are grateful to the staff of the Public Health Department for their work during the year and to the co-operation received from other officers of the Council.

We remain

Your obedient servants,

W. J. Y. SPEEDY

Medical Officer of Health.

W. D. MORGAN

Chief Public Health Inspector.

CONSTITUTION OF COMMITTEES

1964—65

Chairman of the Council:

Councillor E. J. DAVIES, J.P., Llys Meinor, Solva.

Vice-Chairman of the Council:

Councillor A. G. BOWEN, 2 Castle Cottages, St. Ishmaels.

Public Health and General Purposes Committee

Chairman:

Councillor JAMES JOHN, J.P., 1 Chapel Row, Llangwm.

Vice-Chairman:

Councillor J. M. JAMES, Rhydyfarchnad, Letterston.

Members:

G. D. Bagley, St. Brides Hill, St. Brides.
T. P. Cousins, Hillcrest, Freystrop.
J. H. S. Evans, Fylingdale, 3 West Road, Hook.
W. E. Evans, Springfield Villa, North Prendergast (deceased).
W. G. Evans, West Dairy, Wiston.
W. G. Goodridge, Sunnybank, 12 The Beacons, Rosemarket.
A. J. B. Griffiths, 1 Park Avenue, Puncheston.
J. I. Griffiths, Loo Choo, Haverfordwest.
Oliver Griffiths, Hayscastle Farm, Wolfscastle, Haverfordwest.
E. H. L. Harries, Sunrays, Newgale.
D. M. James, Croft House, Ambleston.
J. L. James, Pantycorch, Letterston.
Rev. T. C. Johns, B.A., The Rectory, Walwyns Castle.
R. H. Llewellyn, Woodslade, Broad Haven.
B. G. Lloyd, The Farm, Little Honeyborough.
A. C. Luke, Cnwycymorfol, Letterston.
J. G. L. Maddocks, Ship Inn, Trevine.
T. R. L. Martin, B.A., White Rock, Broad Haven.
J. H. Morgan, 1 Llys-y-Driw, St. Nicholas.
J. E. Morris, Llandigige Fawr, St. Davids.
Herbert Morse, Glanmorfa, Dwrbach (deceased).
S. W. Mortimer, Menevia House, St. Davids.
Mrs. A. Philipps Williams, Llys-yr-Onnen, Fishguard.
F. H. Philpot, M.A., (Cantab) 2 High Street, Solva.
T. Evans Richards, 8 Bryn-y-Mor, Mathry.
F. Sandall, 32 Min-y-Llan, Letterston.
J. R. Thomas, Woodstock Farm, Ambleston.
W. B. Thomas, B.A., Morawel, Square & Compass, Mathry.
W. E. Thorne, J.P., Studdolph Hall, Milford Haven.
F. L. Ward, M.M., J.P., 12 St. Mary's Park, Jordanston, Neyland.
W. G. Watts, Leachpool, Rudbaxton.
A. J. Webb, 2 Walter's Avenue, Merlins Bridge.
W. G. Williams, Headland House, St. Annes Head, Dale. (deceased).
Wm. Williams, School House, Wolfscastle.

Housing Committee

Chairman:

Councillor J. H. MORGAN, 1 Llys-y-Driw, St. Nicholas.

Vice-Chairman:

Councillor C. G. WATTS, Ivy Court, Spittal.

Members:

G. O. Absalom, B.A., Cotleys, Roch.
G. D. Bagley, St. Brides Hill, St. Brides.
T. P. Cousins, Hill Crest, Freystrop.
J. H. S. Evans, Fylingdale, 3 West Road, Hook.
W. G. Goodridge, Sunnybank, 12 The Beacons, Rosemarket.
A. J. B. Griffiths, 1 Park Avenue, Puncheston.
J. I. Griffiths, Loo Choo, Haverfordwest.
Oliver Griffiths, Hayscastle Farm, Wolfscastle, Nr. Haverfordwest.
William Hancock, Thornbush, Camrose.
E. H. L. Harries, Sunrays, Newgale, Nr. Haverfordwest.
W. G. Henderson, Longstone, Steynton.
D. M. James, Croft House, Ambleston.
J. L. James, Pantycoch, Letterston.
J. M. James, Rhydyfarchnad, Letterston.
G. W. John, M.B.E., B.A., Fronhaul, Druidston Cross.
James John J.P., 1 Chapel Row, Llangwm.
W. E. John, Lambston Hall, Lambston.
B. G. Lloyd, The Farm, Little Honeyborough, Neyland.
A. C. Luke, Cnwymorfol, Letterston.
J. G. L. Maddocks, Ship Inn, Trevine.
I. O. Martin, Bro Dewi, 111 Nun Street, St. Davids.
P. F. Martin, 113 Nun Street, St. Davids.
J. E. Morris, Llandigige Fawr, St. Davids.
S. W. Mortimer, Menevia House, St. Davids.
E. S. Nicholas, Rosen Green, Boulston.
V. T. Y. Noott, B.A., School House, Johnston.
F. H. Philpot, M.A., (Cantab) 2 High Street, Solva.
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J. R. Thomas, Woodstock Farm, Ambleston.
W. B. Thomas, B.A., Morawel, Square & Compass, Mathry.
W. S. Vaughan, Pontfaen Farm, Fishguard.
F. L. Ward, M.M., J.P., 12 St. Mary's Park, Jordanston, Neyland.
A. J. Webb, 2 Walters Avenue, Merlins Bridge, Haverfordwest.
W. G. Williams, Headland House, St. Annes Head, Dale. (deceased).

Finance Committee

Chairman:

Councillor P. F. MARTIN, 113 Nun Street, St. Davids.

Vice-Chairman:

Councillor HERBERT J. MORSE, Glanmorfa, Dwrbach, Fishguard.
(deceased)

Members:

G. O. Absalom, B.A., Cotleys, Roch.
G. F. Dicks, Apple Tree Cottage, Port Lion, Burton.
W. G. Evans, West Dairy, Wiston.
William Hancock, Thornbush, Camrose.
W. G. Henderson, Longstone, Steynton.
G. W. John, M.B.E., B.A., Fronhaul, Druidston Cross.
W. E. John, Lambston Hall, Lambston.
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J. E. Morris, Llandigige Fawr, St. Davids.
E. S. Nicholas, Rosen Green, Boulston.
V. T. Y. Nott, B.A., School House, Johnston.
T. Evans Richards, 8 Bryn-y-Mor, Mathry.
W. E. Thorne, J.P., Studdolph Hall, Milford Haven.
C. G. Watts, Ivy Court, Spittal.
W. G. Watts, Leachpool, Nr. Haverfordwest.
Wm. Williams, School House, Wolfscastle.

Development Committee

Chairman:

Councillor E. H. L. HARRIES, Sunrays, Newgale.

Vice-Chairman:

Councillor RALPH H. LLEWHELLIN, Woodslade, Broad Haven

Members:

G. O. Absalom, B.A., Cotleys, Roch.
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J. H. S. Evans, Fylingdale, 3, West Road, Hook.
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J. I. Griffiths, Loo Choo, St. Davids Road, Haverfordwest.
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H. J. Morse, Glanmorfa, Dwrbach, Nr. Fishguard (deceased).
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A. J. Webb, 2 Walter's Avenue, Merlins Bridge, Haverfordwest.
Wm. Williams, The School House, Wolfscastle.

Officers of the Council

Date of
Appointment

Clerk:

H. J. Dickman, F.A.C.C.A., F.R.V.A. 21st Sept., 1954

Deputy Clerk:

I. Ll. Evans, A.A.C.C.A. 1st Nov., 1956

Engineer and Surveyor:

A. J. Davies: M.B.E., M.Inst., Mun.E.,
M.R.S.H., A.R.I.C.S.,
M.I.E.S. 6th May, 1942

Building Surveyor:

T. E. Owen. 1st Oct., 1949

Deputy Building Surveyor:

S. Smith. 8th Dec., 1952

Chief Public Health Inspector and Housing Manager:

W. D. Morgan, Ll.B., M.A.P.H.I., C.R.S.H.,
Barrister-at-Law. 14th Aug., 1961

Deputy Chief Public Health Inspector:

D. F. Nicholson, M.R.S.H., M.A.P.H.I., 1st Nov., 1947

District Public Health Inspectors:

U. A. Evans, M.R.S.H., M.A.P.H.I., 31st July, 1950

R. D. Page, M.A.P.H.I. 13th Nov., 1961

Senior Meat Inspector and Abattoir Superintendent:

D. Bamford, C.R.S.H., M.Inst.M. 24th Oct., 1964

Medical Officer of Health:

W. J. Y. Speedy, M.B., B.Ch., L.R.C.P. & S.,
D.P.H. 1st Oct., 1947

SECTION I

Vital Statistics and Epidemiology

Area of Rural District in Acres	...	...	...	...	172,097
Rateable Value	...	...	...	...	883,180
Number of Parishes	...	...	...	...	66
Sum represented by a Penny Rate	...	...	...	...	3.778
Number of Inhabited Houses	...	...	...	...	7,049
Other Premises	...	...	...	...	913
Vacant Houses	...	...	...	...	410

SUMMARY OF VITAL STATISTICS

General Birth rate	...	...	...	18.0/1000	population
General Death rate	...	...	...	10.0/1000	population
Cancer Death rate	...	...	...	1.8/1000	population
Infant Mortality rate	...	...	...	19.4/1000	Live births

POPULATION TABLE

Year	Estimated population		Natural Increase	
1948		20,540	.....	99
1949		20,250	.....	153
1950		21,320	.....	116
1951		21,560	.....	116
1952		21,500	.....	164
1953		22,240	.....	147
1954		22,510	.....	138
1955		22,470	.....	131
1956		22,820	.....	127
1957		22,690	.....	118
1958		22,670	.....	140
1959		22,970	.....	122
1960		22,620	.....	205
1961		21,910	.....	137
1962		21,960	.....	89
1963		22,220	.....	142
1964		22,940	.....	180

Births

CLASSIFICATION OF BIRTHS

	Live			Still		
	Male	Female	Total	Male	Female	Total
Legitimate	... 190	205	395	7	0	7
Illegitimate	... 5	11	16	1	1	2
	195	216	411	8	1	9

GENERAL BIRTH RATE

Birth rate for District for 1964	...	...	18.0/1000	population
Birth rate for Pembrokeshire 1964	...	...	19.5/1000	population
Birth rate for England & Wales 1964	...	...	18.4/1000	population

STILL BIRTH RATES

Still Birth rate for District for 1964	...	21.4/1000	Total births
Still Birth rate for Pembrokeshire 1964	...	15.1/1000	Total births
Still Birth rate for England & Wales 1964	...	16.3/1000	Total births

COMPARATIVE BIRTH TABLE

		No. of				
		No. of		Illegitimate		
Year	Birth rate	Still Births	Births	Births		
1947	...	19.7	...	15	...	27
1948	...	16.5	...	17	...	21
1949	...	18.1	...	10	...	21
1950	...	17.5	...	8	...	20
1951	...	17.2	...	11	...	20
1952	...	18.8	...	11	...	20
1953	...	17.3	...	9	...	15
1954	...	16.3	...	9	...	12
1955	...	16.1	...	15	...	15
1956	...	15.1	...	11	...	13
1957	...	16.5	...	11	...	10
1958	...	17.3	...	9	...	14
1959	...	16.2	...	10	...	13
1960	...	18.0	...	11	...	20
1961	...	17.2	...	12	...	18
1962	...	15.7	...	8	...	18
1963	...	18.8	...	5	...	13
1964	...	18.0	...	9	...	16
Average		17.1	...	10	...	16
1947/64						

Deaths

CLASSIFICATION OF DEATHS

	Male	Female	Total
Diseases of Heart and Circulatory System ...	61	34	95
Diseases of Brain and Nervous System ...	26	14	40
Cancer (all forms)	16	26	42
Diseases of Respiratory System	15	7	22
Violent and Accidental Deaths	7	3	10
Infant Deaths	4	4	8
Diseases of Digestive System	1	5	6
Diseases of Kidneys and Urinary System ...	2	2	4
Respiratory Tuberculosis	2	1	3
Diseases of the Blood	0	1	1
	134	97	231

Deaths in age-groups :—

0— 1 years	...	...	8
1—15 years	...	...	1
15—30 years	...	...	3
30—50 years	...	...	21
50—70 years	...	...	75
70 +	...	...	123

General Death Rates.

Deaths Rate for District for 1964	...	...	10.0/1000	population
Deaths Rate for Pembrokeshire 1964	...	...	13.3/1000	population
Deaths Rate for England & Wales 1964	...	...	11.3/1000	population

Cancer Mortality Classification.

			Male	Female	Total
Abdominal	...	...	4	12	16
Respiratory	...	...	7	3	10
Others	...	...	5	11	16
			16	26	42

Age groups :—

0—30 years	...	...	0
30—50 years	...	...	5
50—70 years	...	...	26
70 +	...	...	11

Death Rates.

Cancer Death-rate for District for 1964	...	1.8/1000	population
Cancer Death-rate for England & Wales 1964	...	2.0/1000	population

Infant Mortality

Classification.

			Male	Female	Total
Development Defect	...	...	3	0	3
Prematurity	...	...	0	3	3
Asphyxia	...	...	1	1	2
			4	4	8

Age groups :—

0—4 weeks	...	...	7
1—6 months	...	...	1

Infant Mortality Rates.

Infant Mortality Rate for District for 1964	...	19.4/1000	Live births
Infant Mortality Rate for England & Wales	...	...	...
1964	...	20.0/1000	Live births

Violent & Accidental Deaths

Classification.

			Male	Female	Total
Home Accidents	...	...	2	2	4
Work Accidents	...	...	2	0	2
Road Accidents	...	...	2	0	2
Drowning	...	...	0	1	1
Suicide	...	...	1	0	1
			7	3	10

Tuberculosis mortality.

			Male	Female	Total
30—50 years	...	...	0	1	1
50 + years	...	...	2	0	2
			2	1	3

COMPARATIVE MORTALITY TABLE

Year	General Death Rate	Cancer Deaths	Infant Deaths	Violent & Accidental Deaths	Tuberculosis Deaths
1948	11.7	42	4	9	4
1949	11.1	36	9	12	13
1950	12.1	39	10	11	9
1951	11.8	44	18	10	5
1952	11.2	33	10	9	6
1953	10.4	32	8	10	5
1954	11.2	54	12	10	4
1955	12.9	36	10	9	7
1956	10.5	37	9	10	2
1957	11.9	35	15	7	1
1958	11.1	35	13	16	3
1959	10.9	45	5	16	2
1960	11.1	38	11	11	2
1961	10.7	33	10	8	9
1962	11.6	45	13	9	1
1963	12.3	51	7	9	0
1964	10.0	42	8	10	3
17 years average	11.3	39	10	9	4

INFECTIOUS DISEASE

The following Infectious Diseases were notified during the year :—

	Male	Female	Total
Measles	64	55	119
Whooping Cough	23	19	42
Pneumonia	4	1	5
Scarlet Fever	2	4	6
Pulmonary Tuberculosis	3	0	3
Non-pulmonary Tuberculosis	0	1	1

Routine facilities for Immunisation are available in the District, against Diphtheria, Whooping Cough, Tetanus, Poliomyelitis.

Comparative Tuberculosis Table

Year	Fresh cases Pulmonary Tuberculosis	Fresh cases Non-pulmonary Tuberculosis
1948	16	6
1949	14	4
1950	17	4
1951	18	3
1952	25	1
1953	14	1
1954	23	3
1955	12	4
1956	14	2
1957	8	1
1958	1	1
1959	8	0
1960	8	0
1961	4	0
1962	9	0
1963	5	0
1964	3	0
Average 1948/64	12	2

SECTION II

Sanitary Circumstances of the Area

On the 1st October, 1962, the Council ceased to be the Water Undertaker, and the whole of its water supply functions were transferred to the County Water Board, but up to that date pursued its policy of providing mains water to as much of the rural district as possible, despite the financial strain involved. The result has been that the new Board took over a modern undertaking covering almost 50 per cent. of the area of the County forming a nucleus into which the other smaller undertakings have been embodied.

At the 30th September, 1962, 7,203 premises were being supplied with mains water, being 93.50 per cent. of the number of properties.

The mileage of mains handed over was 425 miles, together with over 2,700 consumer meters.

SOURCES OF PIPED WATER SUPPLIES

1. Prescelly

Situated in the Prescelly Hills in North Pembrokeshire. The water is a typical upland surface water. Filtration and chlorination take place in a modern plant immediately upon leaving the impounding reservoir.

Approximately 40 per cent. of piped water in the Rural District is supplied from this source. The capacities of the service reservoirs on this supply are :—

Plumstone	Gallons
(also served from the Mountain water Source)	240,000
Bolton Beacon	240,000
Foxhall	30,000
Talbenny (reserve)	60,000
Newton	12,000

2. Hotwells—Glanrhyd

(a) Hotwells—sixteen acres protected area with springs collected to service reservoir. Water chlorinated and given pH value correction.

(b) Glanrhyd—River water given full treatment, sedimentation pH value correction, chlorination, rapid gravity filtration, and then pumped to Hotwells low level reservoir, whence together with the Hotwells yield, it is pumped to Hotwells High level reservoir.

Approximately 26 per cent. of piped water in the Rural District is supplied from these sources, the capacities of the reservoirs being:—

Hotwells Low Level	100,000 gallons
Hotwells High Level	240,000 gallons
Felinwynt	150,000 gallons
Solva Low Level	15,000 gallons
Caersegean	60,000 gallons
Puncheston	30,000 gallons
Mathry	14,000 gallons

3. Garn Deifog, Trecwn

Gathering ground and reservoir (covered), upland surface water, filtered and chlorinated. The bulk of this water is supplied to the Royal Naval Depot at Trecwn.

4. Nash Farm, Llangwm

Water from springs is piped to a covered reservoir having a capacity of 30,000 gallons at Llangwm after chlorination. Pressures have been improved in Llangwm and district by constructing a small high level reservoir and pumping the supply from the present source to that reservoir.

Approximately two per cent. of piped water in the rural district is supplied from this source.

5. Pen-y-Garn, Henry's Moat

Uplands spring passed through sedimentation tanks and chlorinated. Approximately eight per cent. of piped water in the district is from this source.

6. Mountain Water, Hayscastle

River water is given full treatment by pressure filters, pH value correction and chlorination, and thence pumped into Plumstone service reservoir. In a full year approximately 10 per cent. of piped water comes from this source.

7. St. Davids

Water is abstracted from the River Solva at Middle Mill, flocculated, sedimented and passed through rapid gravity filters, given pH correction by lime and sterilised with sodium hypochlorate. Abstraction up to 200,000 gallons per day now boosted to Croesgoch area and Felinwynt Reservoir.

8. Small Agricultural Schemes

There are approximately 160 farms supplied by small piped schemes and grant-aided by the Ministry of Agriculture and Fisheries through the County Agricultural Executive Committee. The sources in the majority of these schemes are wells and springs.

The total quantity of water supplied in 1961 was 517,414,000 gallons, or approximately 1,418,000 gallons per day or, including raw water for industry, derived from the Western Cleddau and pumped to Bolton Beacon open reservoir (5,000,000) 983,764,000 gallons or approximately 2,572,000 gallons per day. Figures for 1964 are not available as all records have been handed over to the Pembrokeshire Water Board.

Rainfall and Temperature

TEMP.—°F

RAINFALL

MONTH	St. Davids		Hot- stone wells	Morvil	Solva	Felin-Nolton wynt Haven	Llanwnda		Plumstone	TEMP.—°F			
	...	0.66	1.15	1.23	1.48	0.75	0.68	0.25	5.99	5.34	6.24	5.17	4.46
January	...	0.66	1.15	1.23	1.48	0.75	0.68	0.25	5.99	5.34	6.24	5.17	4.46
February	...	1.38	1.86	1.93	2.13	1.87	1.23	0.89	1.39	3.73	4.63	0.84	4.12
March	...	3.40	3.97	4.19	3.98	4.27	3.12	4.13	2.90	0.70	1.87	3.57	1.59
April	...	2.07	2.06	2.29	3.65	2.40	2.24	4.63	3.48	6.16	4.08	2.87	1.74
May	...	2.75	4.28	4.67	4.75	2.70	2.99	2.08	3.20	2.99	1.84	1.07	4.29
June	...	2.92	3.33	2.70	3.98	2.50	1.98	4.38	2.31	1.96	1.92	0.97	3.53
July	...	2.09	3.68	4.37	3.48	2.53	2.76	2.72	2.37	3.03	5.59	2.78	4.77
August	...	2.23	2.42	3.00	3.81	1.75	1.63	4.50	5.36	4.57	3.48	1.82	6.54
September	...	1.63	2.12	1.66	2.09	1.37	2.26	2.77	4.62	6.22	7.62	0.26	8.43
October	...	3.62	5.15	3.90	4.93	3.57	3.46	4.12	2.02	7.16	5.01	8.31	5.40
November	...	2.16	2.40	2.50	4.72	2.30	2.32	8.40	4.39	3.72	9.34	13.17	4.59
December	...	5.26	6.93	5.73	8.57	4.21	7.18	1.53	3.73	3.99	7.30	7.90	4.57
TOTALS	...	30.17	39.35	38.17	47.57	—	31.85	40.40	41.76	49.57	58.92	48.73	54.03

RAINFALL AND TEMPERATURE

The contrasts between the rainfalls recorded at the stations quoted indicate the great variation between the coastal belt and the mountain area.

Notes on Rainfall Recording Stations.

Station	Situation	Annual Rainfall 1964
Plumstone	500 ft. above sea level approximately 5 miles from coast	39.35
Morvil	Approximately 500 ft. above sea level on foothills of Prescelly Mountains. Surrounding area near to approxi- mately 1,000 ft. above sea level ...	47.57
Felinwynt	405 ft. above sea level at eastern base of St. Davids Peninsula, 1½ miles from sea to north and 4 miles from sea to south	
Llanwnda (by courtesy of Mrs. G. M. John)	375 ft. above sea level on Pencaer Pen- insula. Approximately 1½ miles from sea to north with hill rising to 600 ft. behind it to south	31.85
Hotwells, Little Newcastle ...	600 ft. above sea level minimum 7 miles from sea to north and 14 miles from west coast outlying flank of Prescellies	
Solva	300 ft. above sea level and ½ mile from sea, on highest land in neighbour- hood	
Nolton Haven by courtesy of Rev. B. Townson, M.A.)	50 ft. above sea level 300 yards from sea with hills rising to 350 ft. within mile	31.52
St. Davids (by courtesy of J. Elliott Morris, Esq. Llandigige)	280 ft. above sea level 1½ miles from coast; gradual fall to west	30.17

Temperature records are also now maintained at three stations—the Rural District Council Offices, Haverfordwest; at the Counting House, Nolton Haven (by courtesy of Rev. B. Townson, M.A.); and at Llandigige Fawr, St. Davids (by courtesy of Councillor J. Elliott Morris) and these give most interesting comparisons. Minimum temperatures at Nolton Haven, for example, are consistently higher than those at Haverfordwest by 7 degrees F—10 degrees F. Barometric pressure records are also kept at Nolton Haven.

Rainfall records are regularly forwarded to the Department of Civil Engineering at Liverpool University to assist on hydrographical research of the Cleddau Basin.

SAMPLING OF WATER

Seventy-two samples were submitted for analysis during the year under review, 70 of these were for bacteriological examination and 2 for chemical analysis.

(i) Bacteriological Examination

(a) Public Supplies—Treated Water

Source of Supply	Satis.	Doubtful	Unsat.	Total
Prescelly	9	—	—	9
Ninewells, St. Davids	16	1	4	21
Hotwells/Glanrhyd	—	2	2	4
Glanrhyd	—	2	2	4
Penygarn	4	1	—	5
North Regional	2	2	4	8
Mountain Water	3	2	—	5
	34	10	12	56

(b) Private Supplies

Fourteen samples were taken of untreated water from private wells and springs.

Satisfactory	2
Doubtful	1
Unsatisfactory	11

(ii) Chemical Analysis

Two samples of water were submitted to the Public Analyst for full chemical analysis from the following:—

Prescelly	1
Private	1

These samples were taken for one of two reasons:—

- (a) to investigate the action of water on various types of metal piping. The results were noted and advice given in the case of private supplies.
- (b) as a guide to the nature of the pollution causing unsatisfactory bacterial results.

INVESTIGATION OF ATMOSPHERIC POLLUTION

As the industrial development of the Haven is obviously to take place with some rapidity, the problem of air pollution is one which should give great concern to local authorities in the area, and it is right that we should be watchful lest some of the worst conditions of the atmosphere in industrial areas should take place here.

The new power station to be built at Pennar will be one of the heaviest sources in the country of atmospheric sulphur and though the engineers of the Central Electricity Generating Board are satisfied that there will be no substantial danger to health from the power station chimney, it is necessary that a very careful survey of the area should be made now in order that conditions in later years can be compared. The Central Electricity Generating Board are taking their own measurements in certain areas and we have undertaken to give them any necessary assistance in the setting up of these stations in addition to the six testing stations that we have now. One of the Rural District Council's testing stations is being positioned in a Forestry Commission Plantation as there is the possibility that sulphur dioxide has an adverse effect on the growth of certain trees.

A large amount of laboratory work is involved in the testing and a member of the staff has been trained for this purpose by the Warren Springs Laboratory in order to avoid the very heavy fees which would otherwise be entailed if the work was to be done by the Public Analyst.

The testing programme using lead dioxide candles that we have had over the last five years is being continued for the time being, but will be partially discontinued when the new system of volumetric daily analysis comes into full use.

SEWERAGE

The Council has accepted a series of four programmes for sewerage schemes for all the large villages and groups of properties. The present position with regard to all the schemes undertaken or to be undertaken by the Council is as follows:—

Ambleston		
Bethany Row		
Broad and Little Haven		
Camrose		
Cardigan Road		
Dale		
Fishguard Road		
Hamlet St. Martin		
Herbrandston		
Johnston		
Letterston East		
Letterston West		
Llangwm		
Llangwm—Butterhill		
Llanstadwell		
Mathry		
Merlin's Bridge		
Pembroke Ferry		
Rosemarket		Schemes previously completed
Scleddau		
St. Davids		
St. Ishmaels		
Solva		
Solva Works Extension		
Slade Lane		
Tiers Cross		
Trevine		
Herbrandston Works Extn.		
Hook		
Clarbeston Road		
Simpson Cross		
Croesgoch		
Spittal		
Freystrop		
Castlemorris		
Puncheston		
Uzmaston Village		
Middle Mill		
Leonardston Road		

Programme No. 2.

Waterston Village	—	Scheme in progress.
Llanychaer	—	Scheme prepared.
St. Nicholas	—	Scheme completed.

Programme No. 3.

Marloes	—	Scheme completed.
Roch	—	Scheme submitted to Welsh Office, but subsequently withdrawn and new scheme covering Roch and Newgale areas being prepared.

Programme No. 4.

Wolfscastle	—	Scheme prepared and submitted to Welsh Office.
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Crundale	—	Scheme prepared and submitted to Welsh Office.
Uzmaston Road	—	Scheme in progress.
Portfield Gate	}	To be prepared.
Talbenny and Hasguard		
Penycwm		
Vachelich		
Nolton		
Walton East		
Wiston		
Treffynnon	)	
Square and Compas	—	Scheme prepared.
Thornton	—	Scheme completed.
Llandeloy	—	Scheme completed.
Little Newcastle	—	Scheme prepared.
Burton North	—	Scheme prepared and submitted to Welsh Office.
Tufton	—	To be prepared.
Wallis	—	Scheme prepared and submitted to Welsh Office.
Panteg	—	Scheme prepared and approved by Welsh Office.
Caerfarchell	—	Scheme completed.
Walton West Works Extn.	—	Scheme prepared and submitted to Welsh Office.

At the present time approximately 56 per cent. of the houses in the rural district have main sewerage facilities The Council has 57 Disposal Works of various types.

Sewage Analysis

A regular programme of sewage analysis has been instituted and the Council propose to set up its own laboratory in the new offices when erected, so that a close control can be kept by the Engineer on the advice of his chemist, on the operation of the various works.

Private Sewerage Schemes

There are 31 schemes in operation serving Council housing estates. The sewage from the 48 houses at Wesley Place, Trecwn, is treated at the R.N.A.D. disposal works.

HOUSE SEWERAGE CONNECTIONS

The number of premises, excluding Council estates, connected to sewerage schemes during 1964 is as follows:—

St. Davids	...	...	...	4
Llangwm	...	...	...	4
Solva	...	...	...	4
Merlin's Bridge	...	...	...	10
Johnston	...	...	...	5
Letterston	...	...	...	9
Llanstadwell	...	...	...	3
Spittal	...	...	...	1
Llanrhian	...	...	...	1
Roch	...	...	...	2
Little Haven	...	...	...	1
Nolton	...	...	...	1
Dale	...	...	...	1
Steynton	...	...	...	3
Marloes	...	...	...	10
Puncheston	...	...	...	6
St. Nicholas	...	...	...	6

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OTHER CONVERSION SCHEMES

In addition to the properties connected to the various sewerage schemes, sanitary conversion schemes with drainage to cesspools or septic tank units have been carried out by property owners in 88 cases. The fact that 67 of these were undertaken as part of house improvement schemes again shows the valuable contribution made by improvement grants raising the standard of public health in the district.

EMPTYING OF CESSPOOLS

There has been a demand for this service, 639 cesspools being emptied during the year, an increase of 199 on the previous year.

Fifty-nine of these were in areas outside the rural district, where similar services were lacking.

The nominal charge of £1 for the emptying of cesspools at private dwellings within the district ceased as from 1st April, 1963. The nominal charge of £4-5-0 for business premises in the area is still in operation.

The Council has two cesspool emptiers and these vehicles are fully engaged in the emptying of numerous disposal works and provide an efficient service.

DRAINAGE INSPECTIONS

A great deal of the District Inspectors' time was again devoted to advisory work and inspection of drainage installations in connection with the construction of new buildings and improvement works carried out to existing properties. One hundred and ninety-one visits were made for inspection purposes and 85 tests carried out on drainage schemes.

In addition, ten surveys were made of properties in connection with proposed sewerage schemes, and 28 visits made in regard to inspection of sewers and disposal works.

Public Cleansing

REFUSE COLLECTION AND DISPOSAL

The collection of refuse is a major part of the Council's health services, and the only properties which now remain outside the service are dwelling houses which are in such inaccessible locations, as to make collection extremely costly, and, of course, farm houses which in many cases are approached by long lanes which we cannot traverse. However, 85 per cent. of all properties are collected. Frequent requests are received for additional properties to be brought into the service and we make every effort to meet them, though often the service can only be offered on a fortnightly basis. Litter is collected daily from most of the seaside villages during the height of the holiday season and also from the lay-bys on the classified roads. We have co-operated with the County Highways Department in the keeping of lay-bys clean, as they would otherwise become an intolerable nuisance.

We receive many complaints about litter generally, and the interest that many people take in the question is welcome, showing at least that the public conscience is being aroused about the problem. The Public Health Committee have now agreed to replace the open-type litter basket with a paper sack holder which is less unsightly than the wire type, and the litter is not blown about as much or disturbed by animals.

Disposal of refuse presents a far more difficult problem than

collection. There is no better means available at the moment than by land-fill. Four tips are in use at St. Davids Airfield; Bastleford, Rosemarket; Bwlchyrhos, Little Newcastle; and Trevined, Llanrhian. With so many sites it is an extremely difficult matter to keep them under control and it is hardly surprising that we receive complaints. Rosemarket tip is an example of a site which is frequently troublesome. It is very difficult to obtain any site which is a sufficiently long distance away from any dwelling house so as not to be the cause of nuisance unless there is a man employed full-time on the tip. The ideal method would be to have one central site for the disposal of refuse and here it might be possible to have a system of incineration or composting. This is a matter which is now being investigated. Every day we dispose of 20 tons of refuse and this amount brought to one site would make incineration an economic possibility. This matter the Public Health Committee has under active consideration. It would necessitate somewhat heavier transportation costs in using the one central site but the vehicles that we are now using are capable of carrying very large loads. The new vehicle, of which we are awaiting delivery, is capable of holding a whole day's collection, which will be a considerable advantage.

PUBLIC CONVENIENCES

The Public Health Committee of the Council intend to provide public conveniences in most of the villages of the area, and in particular in the seaside villages. We now have 13 and the number is being increased by the proposal to build another 12.

The cleaning and supervision of these conveniences is an enormous problem. We are fortunate in several cases to have local people who are prepared to act as caretakers, and they take a very considerable pride in keeping the conveniences clean. In most cases, however, we cannot find suitable people as cleaners, and workmen have to be directly employed, travelling daily to carry out the work. An example is Whitesands, where considerable difficulty has always been experienced, and it was found necessary in 1964 to keep workmen there full-time during the summer to look after the conveniences.

During the winter and spring, all our conveniences are redecorated, but most are in need of further redecoration long before the summer is over, and, of course, the amount of vandalism is disheartening.

A further question that will have to be considered by the Public Health Committee very shortly is the provision of sanitary conveniences at lay-bys. This is a problem which should receive attention very soon as conditions in the lay-bys on the busiest roads during the summer are frequently very bad indeed.

RODENT CONTROL

During the year the Council continued its scheme for dealing with infestation of rats and mice at farms as well as industrial premises, private and Council-owned dwellings, Council tips and sewerage works.

The work has been most efficiently carried out by the three operators, and rat and mouse infestation is kept under successful control.

During the year 186 farms and other premises were under contract. The following is a summary of the work of the rodent operators:—

Type of Property	No.	No. of properties		Total
	Infested	found infested	Treatments	
		By Rats	By Mice	
Local Authority ...	56	53	3	81
Dwelling Houses ...	352	313	74	375
Business Premises ...	10	8	4	19
Agricultural Premises	305	296	147	723
	723	670	228	1198

DISINFECTION AND DISINFESTATION

Twenty premises were disinfected following vermin infestation and infectious diseases.

NATIONAL ASSISTANCE ACT 1948

There were no cases requiring burial under the provision of the National Assistance Act 1948, nor were there any cases in need of care and attention requiring removal to Homes.

DISPOSAL OF ANIMAL CARCASSES

Arrangements were made for the disposal of the carcasses of 18 sheep, 12 cows and three pigs washed ashore on various beaches.

ANIMAL BOARDING ESTABLISHMENT ACT—1963

The Animal Boarding Establishment Act came into force during the year. This Act requires that boarding establishments should be registered and certain regulations observed. As this work has relation to public health, the work of registration and inspection has been undertaken by the Public Health department. We have two premises in the area which are affected. Both have been registered after inspection, and conditions are satisfactory.

OFFICES, SHOPS AND RAILWAY PREMISES ACT

Additional duties were placed on the Council's staff during the year in the registration and inspection of all properties coming within the Offices, Shops and Railway Premises Act 1963. All shops and offices have to be registered, with the exception of shops and offices where only members of the occupier's immediate family are employed, or where less than 21 hours weekly are worked. Certain shops and offices are already registered under the Factories Act and these do not come within the definition. With all new registered premises, the Council has a duty to carry out inspection to see whether all conditions affecting health and safety are complied with.

Regulations have been made by the Ministry about sanitary conveniences, ventilation, working temperatures, water supplies, overcrowding, protection of machinery and various other aspects. So far, we have registered 63 properties under the Act, and the work is continuing.

FACTORIES ACT 1961

There are now 254 factories on the departmental Factories Register compared with 252 last year.

Details of the type of factories inspected and the action taken are set out in the following tables:—

1. Inspection for Purpose of Provision as to Health

Premises	No. on Register	Inspections	No. of written Notices	Occupiers Prosecuted
(i) Factories in which Sections 1, 2, 3, 4 and 6 are to be enforced by Local Authorities ...	81	9	—	—
(ii) Factories not included in (i) in which Section 7 is enforced by the Local Authority ...	119	7	—	—
(iii) Other premises in which Section 7 is enforced by the Local Authority (excluding Out-workers' Premises)	58	6	—	—
	<u>258</u>	<u>22</u>	<u>—</u>	<u>—</u>

2. Defects Found

Sanitary
Convenience

	Found	Remedied	No. of cases in Referred to H.M. Inspector	By H.M. Inspector	No. of cases in Prosecutions were instituted
(a) Insufficient	—	—	—	—	—
(b) Unsuitable					
or					
defective	—	—	—	—	—
Totals	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>	<u>—</u>

SANITARY INSPECTION OF THE AREA

Summary of Visits and Inspections made by the
Public Health Inspectors

Complaints investigated 388

Public Health Act

Premises	...	...	...	...	...	...	47
Caravan Sites	...	...	...	...	...	...	133
Individual Caravans	...	...	...	...	...	...	51
Itinerants	...	...	...	...	...	...	10
Hutments	...	...	...	...	...	...	4
Schools	...	...	...	...	...	...	4
Public Conveniences	...	...	...	...	...	...	308
Public Health Nuisance	...	...	...	...	...	...	84
Drainage Inspections	...	...	...	...	...	...	153
Drain Tests	...	...	...	...	...	...	85
Sewers and Disposal Works	...	...	...	...	...	...	38
Sewer Surveys	...	...	...	...	...	...	28
Sanitary Accommodation and Conversions	...	...	...	...	...	...	6
Water Supplies and Sampling	...	...	...	...	...	...	90
Watercourses and Streams	...	...	...	...	...	...	35
Infectious Diseases — Investigations	...	...	...	...	...	...	34
Disinfection and Disinfestations	...	...	...	...	...	...	21
Vermin/Insect Infestations and Treatments	...	...	...	...	...	...	20
Rodent Control	...	...	...	...	...	...	1251
Refuse Collection	...	...	...	...	...	...	134
Disposal of Refuse	...	...	...	...	...	...	116

Housing Acts

Slum Clearance	...	...	...	...	...	...	131
Repairs and General Reconditioning	...	...	...	...	...	...	49
Improvement Grants	...	...	...	...	...	...	246
Council Houses	...	...	...	...	...	...	333
Investigation of Housing Applications	...	...	...	...	...	...	379
Investigation of Garage Applications	...	...	...	...	...	...	60

Factories Acts	...	...	...	...	...	...	22
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Food and Drugs Act and Regulations

Dairies and sampling of milk	...	...	...	...	...	...	183
Ice-cream premises and sampling	...	...	...	...	...	...	23
Bakehouses	...	...	...	...	...	...	3
Cafes, Schools and Industrial Canteens and Hotels	...	...	...	...	...	...	16
Licensed Premises	...	...	...	...	...	...	9
Various other Food Shops	...	...	...	...	...	...	168
Street Vendor Vans	...	...	...	...	...	...	1
Knackers Yards	...	...	...	...	...	...	11
Unsound Food	...	...	...	...	...	...	11
Meat Inspection	...	...	...	...	...	...	5

Miscellaneous

Offices, Shops and Railway Premises Act 1963	...	...	...	...	...	...	63
Smoke Nuisance	...	...	...	...	...	...	30
Petroleum Installations	...	...	...	...	...	...	22
National Assistance Act	...	...	...	...	...	...	10
Cemetery	...	...	...	...	...	...	4
Rating and Valuation	...	...	...	...	...	...	4
Disposal of Carcases	...	...	...	...	...	...	34
Deck Chairs and Car Parking	...	...	...	...	...	...	15
Atmospheric Pollution	...	...	...	...	...	...	72
Diseases of Animals	...	...	...	...	...	...	2
Mass X-Ray	...	...	...	...	...	...	19
Exhumation	...	...	...	...	...	...	3
Fire Safety	...	...	...	...	...	...	1
Miscellaneous Visits	...	...	...	...	...	...	104

PETROLEUM INSTALLATIONS

During the year licences were approved for new installations at three premises and licences in respect of 100 premises were renewed.

Th installation and testing of new tanks were supervised by the Public Health staff. Inspections of all premises prior to re-licensing were carried out by the staff of the Chief Fire Officer and I am grateful to him for his co-operation in this matter.

Sixty-four notices were served requiring repairs and improvements to comply with the Council's licensing requirements:—

Securing of tank inlets	...	...	...	...	9
Provision, repainting and re-siting of					
Cautionary Notices	...	...	...	...	24
Renumbering and replacing dipstick	...	...	...	...	2
Replace non-ferrous gauze in flame-trap and					
vent pipe	...	...	...	...	2
Provision, testing and re-siting of foam					
extinguishers	...	...	...	...	9
Replace manhole covers	...	...	...	...	1
Provision of metal cabinets to store petroleum					
mixtures	...	...	...	...	1
Replace delivery hose	...	...	...	...	3
Re-number tanks	...	...	...	...	1
Leakage of Petrol from old pump	...	...	...	...	1
Secure petroiler units	...	...	...	...	2
Provision of screw cap for fill point of storage					
tank	...	...	...	...	1
Pressure tests on tanks	...	...	...	...	8

SECTION III

Housing

Council House Development

Council properties on the 31st December 1964, totalled 1674 of which 1621 were constructed and 53 acquired by the Council.

(a) Constructed by Council.

Pre-War	1	
Parlour-type 3 bedroom	24	25
War-Time and Post War		
Parlour-type 3 bedroom	623	
Non-Parlour 4 bedroom	6	
Non-Parlour 3 bedroom	556	
Non-Parlour 2 bedroom	12	
Flats, 2 bedroom	39	
Bungalows, 2 bedroom	353	
Bungalows, 1 bedroom	7	
		1596

(b) Acquired Properties.

St. Mary's Park, Llanstadwell ...	32 pre-war dwelling houses forming part of the Welsh Land Settlements. Repair and improvements.
Leonardston Road, Llanstadwell	Terrace of nine houses. Major structural alterations completed 1959.

Old School House, Talbenny	Disused school premises converted into five bedroom dwelling.
Rose Cottage, Merlins Bridge ...	Two cottages awaiting further improvements.
Green Lane, Waterston	Five sub-standard cottages acquired in 1959. Conversion to three bungalows completed.
Spittal Police House	Acquired.
14, Rectory Road, Llangwm	Acquired.
Supply Stores, Letterston	Acquired.
The Mill, Llanstadwell	Acquired and converted into three flats.

9 three-bedroom parlour houses, 2 three bedroom non parlour houses, 66 two-bedroom bungalows and 1 one-bedroom bungalow were completed and occupied on the following estates :—

Fishguard South	6 —	Two bedroomed bungalows.
Freystrop	2 —	Two bedroomed bungalows.
Johnston	1 —	Three bedroomed house
	4 —	Two bedroomed bungalows.
Letterston	6 —	Two bedroomed bungalows.
Llanrhian (Trevine)	8 —	Two bedroomed bungalows.
Llangwm	5 —	Two bedroomed bungalows.
Llanwnda	1 —	Three bedroomed house
	3 —	Two bedroomed bungalows.
Puncheston	2 —	Two bedroomed bungalows.
Rudbaxton	2 —	Three bedroomed houses.
Walton West	4 —	Two bedroomed bungalows.
Wiston — Clarbeston Road	4 —	Two bedroomed bungalows.
Wiston	2 —	Two bedroomed bungalows.
Whitchurch—Solva	1 —	One bedroomed bungalow.
St. Davids	7 —	Three bedroomed houses.
	20 —	Two bedroomed bungalows.

Fifty units were under construction at the end of the year.

Johnston	Three houses, Four bungalows.
Llangwm—Hook	Eight bungalows.
Llanrhian—Trevine	Four bungalows.
Llanstadwell — Waterston	Two houses, Seven bungalows.
Mathry	Four bungalows.
Rosemarket	Four bungalows.
Rudbaxton—Crundale	Four bungalows.
St. Davids	One bungalow.
Wiston — Clarbeston Road	Two bungalows.
Whitchurch—Solva	Seven bungalows.

Housing Vacancies on Existing Sites.

In addition to the occupation of 78 new houses and bungalows, the following vacancies on existing estates were filled :—

Ability-to-Pay	14
Subsidised Houses	44
Subsidised Bungalows	10
Subsidised Flats	7

In total therefore, 155 applicants were rehoused on new and existing estates in 1964. This compares with 203 in the previous year and 181 in 1962. These applicants are shown in their various categories in the following table.

Category.

Ordinary Applicants	...	136
Ability-to-Pay	...	14
Agricultural Workers	...	1
Unfit Houses	...	4

Transfers and Exchanges

Transfer of accommodation was approved in 34 cases.

Transfer following death of principal tenant	...	17
Transfer to other sites	...	7
Transfer on same sites	...	5
Transfer following marriage of principal tenant	...	1
Transfer for domestic reasons	...	2
Transfer between authorities	...	2

Housing Demand

There were 475 applicants registered with the Department at the end of the year under review :—

Category of Applicant	Subsidised Houses	Bungalows and Flats	Ability-to Pay Houses	TOTAL
Ordinary Applicants				
(a) Living inside the Rural District	77	220	3	300
(b) Living Outside Rural District	39	102	29	170
Agricultural Workers	5	—	—	5
	121	322	32	475

Unfit Houses

During the year under review 21 families were rehoused from sub-standard accommodation and 22 unfit houses were closed.

There were no Demolition Orders made.

Proposals were accepted for the repair and improvement of 3 houses and 11 undertakings not to relet were accepted. 10 premises were demolished.

Private Building Development

Seventy new houses were completed by private enterprise. This brings the total number of houses built privately in the post-war period to 687.

Housing Improvements

Seven hundred and seventy five deposited plans were placed before the Council covering :—

New Houses	...	399
Improvement to Houses	...	213
Other (non domestic) buildings	...	193
Outline applications (including caravan sites)	...	210
Electricity Extensions	...	58

1073 units

The increasingly large number of plans deposited emphasises the growing interest in obtaining improved living standards. It throws a steadily increasing burden on officers responsible for building inspection and also calls for continual care in dealing with planning aspects of those applications in close collaboration with the County Planning Authority.

Housing Improvement Grants

The Council continued its progressive policy of extending grant aid under the Housing Acts in respect of improvement and modernisation of private dwelling houses. Grants for improvement to 89 properties and conversions in 3 cases were approved, the total grant involved being £29,463. Twenty-eight Standard Grants were also approved, the amount involved being £4,010. Improvement works to 89 houses were completed, the total grant paid in these cases being £28,292 6s. 0d.

Since the introduction of the scheme in 1949, 1,295 grants have been approved and improvement works have been completed in 1,002 cases.

This work is undertaken in conjunction with the Building Surveyor's Department. During the year 206 visits were made by the Public Health Inspectors in respect of improvement grant applications, and 43 visits made in connection with other works of repair and improvement.

Certificates of Disrepair

There were no Certificates of Disrepair issued during the year:—
Action taken under Housing and Public Health Acts.

(a) Housing Act.						
Housing Inspection	...	...	...	...	...	759
Informal Repair Notices served	...	...	...	...	...	168
Complied with by Owners (including 1963 Notices)	...					145
Formal Repair Notices served	...	...	...	...	...	Nil
Complied with by Owners	...	...	...	...	...	Nil
Work carried out in default by Council	...	...	...	...	...	Nil
Time and Place Notices	...	...	...	...	...	21
Demolition Orders made	...	...	...	...	...	Nil
Houses demolished in pursuance of Demolition Orders	...					10
Undertaking accepted not to use premises for human habitation	...	...	...	...	...	11
Premises where proposals for improvement were accepted following housing action	...	...	...	...	...	3
Unfit houses closed as a result of housing action	...					22
Families rehoused from unfit houses	...	...	...	...	...	21
Persons rehoused from unfit houses	...	...	...	...	...	59
(b) Public Health Act.						
Formal Notices under Section 47	...	...	...	...	...	4
Complied with by owners	...	...	...	...	...	Nil
Formal Notices under Section 39	...	...	...	...	...	4
Complied with by owners	...	...	...	...	...	Nil
Informal Notices for the abatement of public nuisances	...					119
Complied with by owners	...	...	...	...	...	98

SECTION IV

Inspection and Supervision of Food

MILK SUPPLIES

The Rural District is scheduled as a specified area by virtue of the Milk (Specification of Areas) Order 1957, and Tuberculin Tested Milk from bottles, or pasteurised milk only may be sold.

The licensing authority report that there were 33 retailers licensed in the area at the end of the year.

Quality and production control of milk is a function of the

County Council, but as a public health authority, we are concerned with the biological testing of retail milk supplies for Brucella's and live tubercle bacilli. Sampling is now being carried out of milk where brucellosis has been reported by the Ministry's Veterinary Department. Samples if necessary are taken from individual cows to eliminate possible carriers. In addition we have recommenced the routine biological sampling of all retail milk supplies. The examinations are carried out by the Medical Research Council's Public Health Laboratory Service at Carmarthen, who are most co-operative.

The County Council report that of the 112 samples taken by them for keeping quality during 1964, 7 were found to be unsatisfactory.

During the year, 175 samples were taken for Brucella Abortus examination. We had to make more detailed examination in the case of one herd, and individual infected cows were then eliminated from the herd.

REGISTRATION OF PREMISES FOR THE MANUFACTURE AND SALE OF ICE CREAM.

There are no premises registered in the area for the manufacture of ice cream, but we have a very large number of vendors of ice cream, obtaining their supply from manufacturers outside the district.

It is the Council's duty to register these premises and to ensure that there is no contravention of the Food and Drugs Act, 1955. All the premises have to conform to certain requirements as to the structural and sanitary conditions, and also to regulations about the temperature and storage of the ice cream.

A feature of ice cream during recent years has been the fact that most ice cream is now wrapped. This contributes considerably to the litter problem, but as a result it is certain that ice cream is now seldom, if ever, involved as a source of enteric diseases. A new process of manufacture is allowed under the Ice Cream Regulations, that is, the "soft" mix method by which the ice cream is manufactured in a mobile container at the time of serving. With proper precautions, these machines give a product as safe as the conventional pasteurising plants. 103 premises are registered for the sale of ice cream, and all comply with our requirements. Samples are taken and submitted to the Public Health Laboratory, Carmarthen, for examination.

UNSOUND FOOD

The following table gives details of foodstuffs found on examination to be unfit for human consumption:—

Tinned Meat	...	...	443 lbs.	9 ozs.
Tinned Fish	...	...	1 lb.	0 ozs.
Tinned Fruit	...	...	279 lbs.	5 ozs.
Tinned Vegetables	...	...	45 lbs.	13 ozs.
Tinned Milk and Cream	...	...	54 lbs.	4 ozs.
Tinned Fruit Juice	...	...	15 lbs.	15 ozs.

Most of the above were examined at the request of wholesalers and retailers who asked for an opinion as to whether the foods were or were not fit for human consumption. This year, however, a further problem was encountered. Due to the Typhoid epidemic in Aberdeen, all local authorities were asked to examine all supplies of corned beef in catering packs, and certain tins from known sources and bearing certain code marks were taken from wholesalers and others by a process of voluntary surrender, and submitted to the Public Health Laboratory for examination. None of the results from the samples taken in this district showed any danger of infection.

SLAUGHTER HOUSES

At the end of the year no slaughtering of animals for human consumption was taking place within the rural district, as all meat supplies were obtained from slaughterhouses in other districts.

The standard to which slaughterhouses must conform has made it unavoidable, however, that some of the older slaughterhouses must close and this is the case with the Haverfordwest Borough Slaughterhouse.

The Rural District Council is building a modern abattoir at Withybush at an estimated cost of £52,000 on the completion of which the existing slaughterhouse in Haverfordwest will be closed. Work commenced on construction in August, 1964, and it is expected that this new abattoir will be operational by March, 1965.

KNACKERS YARD

There are two Knackers Yards within the area, at The Causeway, Camrose and at Wiston Mountain, both of which have been licensed in the past. The Camrose premises are satisfactory and are fully licensed. In the case of Wiston Mountain, the question of licence is being discussed with the owners as certain works have to be carried out. No slaughtering on the registered premises is being carried out in either case, as this is carried out on the farms where necessary.

The annual return for horses and other animal carcasses received in 1964 was as follows :—

Horses	...	...	8
Cattle	...	...	280
Sheep	...	...	35
Pigs	...	...	6

SLAUGHTER OF ANIMALS ACT, 1954

Five licences to slaughter animals were issued during the year.

FOOD PREMISES — GENERAL

The following table shows the number of registered and other food premises in the rural district :—

Premises registered for the sale and storage of ice cream	103
Butchers' Shops	10
Butter Blending Factory	1
Grocery and Provision Retail Premises	110
Grocery and Provision Wholesale Premises	1
Bakehouses	9
Cafes, Hotels and Restaurants	27
School Canteens—used for preparation of meals	25
School Canteens—service of meals only	10
Industrial Canteens	7
Egg Packing Stations	2
Licensed Premises	52
Cheese Processing Factory	1
Mineral Water Manufactories	2
Admiralty Establishment Canteens	3

FOOD POISONING

No cases were notified during the year.

FOOD AND DRUGS ACT, 1955

Sampling of food for compositional quality under the Food and Drugs Act is administered by the County Council. Mr. F. W. J. Read, M.I.W.M.A., Chief Inspector of Weights and Measures has reported as follows on samples taken in the Rural District during 1964.

- 16 samples of tinned meat.
- 11 samples of soft drinks.
- 6 samples of confectionery
- 37 miscellaneous samples.

APPENDIX "A"

DETAILS OF DWELLINGS AND AMENITIES IN PARISHES

PARISH	No. of Dwellings	With piped Water Supply	Connected to Sewer	Connected to Cesspit
Ambleston	98	98	19	19
Boulston	24	24	—	11
Brawdy	133	133	42	30
Burton	206	202	20	54
Camrose	230	230	76	55
Castlebythe	29	17	—	1
Cathedral Close	10	10	9	—
Dale	130	130	103	—
Fishguard South	121	96	28	25
Freystrop	93	93	34	30
Granston	34	31	—	9
Hamlet St. Martin	142	142	109	16
Hamlet St. Thomas	62	62	49	3
Haroldston St. Issells	354	354	335	10
Haroldston West	50	50	—	9
Hasguard	25	25	4	6
Hayscastle	87	79	14	24
Henry's Moat	47	38	—	4
Herbrandston	97	97	60	3
Hubberston	29	29	1	16
Johnston	400	400	306	54
Jordanston	43	37	10	10
Lambston	56	53	6	11
Llangwm	384	384	239	66
Letterston	269	269	215	33
Little Newcastle	44	34	—	5
Llandeloy	72	72	14	18
Llanfairnantygof	128	127	102	3
Llanhowell	22	20	—	6
Llanllawer	15	3	—	3
Llanrhian	293	293	129	37
Llanrithan	11	9	—	4
Llanstadwell	290	278	104	59
Llanstinan	105	95	74	5
Llanwnda	107	97	—	25
Llanychaer	39	35	15	10
Manorowen	39	36	—	8
Marloes	104	104	28	13
Mathry	187	182	78	28
Morvil	24	16	—	3
Nolton	48	47	10	16
North Prendergast	113	110	83	24
Pontfaen	8	3	—	4
Puncheston	65	63	14	10
Robeston West	29	29	6	9
Roch	155	140	47	23
Rosemarket	129	129	62	10
Rudbaxton	144	137	15	67
St. Brides	23	22	6	12
St. Davids	605	559	406	105
St. Dogwells	108	86	20	23
St. Edrins	17	16	—	4
St. Elvis	2	2	—	2

PARISH			No. of Dwellings	With piped Water Supply	Connected to Sewer	Connected to Cesspit
St. Ishmaels	...	...	130	110	44	16
St. Lawrence	...	...	27	27	—	7
St. Nicholas	...	...	50	50	14	12
Spittal	...	...	103	103	29	20
Steynton	...	...	145	145	72	55
Talbenny	...	...	60	60	31	22
Treffgarne	...	...	32	27	—	8
Uzmaston	...	...	73	73	20	25
Walton East	...	...	44	42	8	11
Walton West	...	...	162	162	121	30
Walwyn's Castle	...	...	67	64	4	16
Whitchurch	...	...	298	298	229	56
Wiston	...	...	189	189	77	31

APPENDIX "B"

HOUSING DEMAND

				HOUSING DEMAND			
PARISH		SITE		Subsi- dised Houses	Flats and Bungs	Ability to Pay.	TOTAL
AMBLESTON	...	...	Nant-yr-Eglwys	—	—	—	—
BOULSTON	...	...	—	—	—	—	—
BRAWDY	...	...	Treffgarne Owen	—	2	—	2
			Penycwm	—	3	—	3
BURTON	...	...	Hill Crescent	2	3	—	5
CAMROSE	...	...	Camrose North	4	—	—	4
			Camrose Village				
			Pelcomb				
			Keyston	2	—	—	2
			Simpson Cross	—	—	—	—
				5	1	—	6
CASTLEBYTHE	...	...	—	—	—	—	—
CATHEDRAL CLOSE	...	...	—	—	—	—	—
DALE	...	...	Meadow Vale	3	1	—	4
FISHGUARD SOUTH	...	...	Cefn Coed	4	13	—	17
			Chapel Road				
FREYSTROP	...	...	Heathfield Terrace	6	3	—	9
GRANSTON	...	...	—	—	—	—	—
HAMLET ST. MARTIN	...	...	Slade Villas	3	12	—	15
HAMLET ST. THOMAS	...	...	Glen View	23	71	27	121
HAROLDSTON ST. ISSELLS	...	...	St. Issells				
HAROLDSTON WEST	...	...	—	—	—	—	—
HASGUARD	...	...	North Leys	—	—	—	—
HAYSCASTLE	...	...	Glan Hafod	3	—	—	3
HENRY'S MOAT	...	...	—	—	—	—	—
HERBRANDSTON	...	...	St. Margaret's View	3	—	—	3
HUBBERSTON	...	...	—	—	—	—	—
JOHNSTON	...	...	The Close	8	18	5	31
			Hillcroft				
			Greenhall Park				
			Glebelands				
			Vine Road				
JORDANSTON	...	...	Panteg Terrace	1	—	—	1
			Trem-y-Garn				
LAMBSTON	...	...	Margam View	—	—	—	—
LLANGWM	...	...	Glan Hafan	—	8	—	8
			Lake Villas				
			Rectory Road				
			Greenway, Hook				
			Furzeycrest, Hook				
			Greenway Close, Hook	—	16	—	16
LETTERSTON	...	...	Station Road	2	14	—	16
			Min-y-Llan				
			Hyfrydle				
LITTLE NEWCASTLE	...	...	—	—	—	—	—
LLANDELOY	...	...	Llandelay Village	—	—	—	—
			Treffynnon	—	7	—	7
LLANFAIRNANTYGOFF	...	...	Ffos Las				
LLANSTINAN	...	...	Wesley Place, Trecwn				
LLANHOWELL	...	...	—	—	—	—	—

			HOUSING DEMAND			
PARISH		SITE	Subsi- dised Houses	Flats and Bungs.	Ability to Pay.	TOTAL
LLANLLAWER	...	—	—	—	—	—
LLANRHIAN	...	Llanrhian	2	4	—	6
		Pen-parc				
		Croesgoch				
		Penygroes	—	3	—	3
LLANREITHAN	...	—	—	—	—	—
LLANSTADWELL	...	Alban Crescent,	5	18	—	23
		Waterston				
		St. Mary's Park,	3	—	—	3
		Jordanston				
		Leonardston Road	—	—	—	—
		Greenlane,	3	9	—	12
		Waterston				
		Church Road,				
		Llanstadwell	3	4	—	7
LLANWYDA	...	Min-y-Rhos	—	—	—	—
LLANYCHAER	...	Bryn Deri	—	—	—	—
MANOROWEN	...	—	—	—	—	—
MARLOES	...	Gaylane Terrace	1	1	—	2
		Sunnyside				
MATHRY	...	Brynamlwg	1	6	—	7
		Bryn-y-Mor				
		Brynhedydd				
		Bryn Eirin				
		Castlemorris	—	—	—	—
MORVIL	...	—	—	—	—	—
NOLTON	...	Hilton Crest	—	—	—	—
NORTH PRENDERGAST	...	Glanafon View	7	—	—	7
PONTFAEN	...	—	—	—	—	—
PUNCHESTON	...	Park Avenue	—	2	—	2
ROBOSTON WEST	...	Roboston West	—	—	—	—
ROCH	...	Pilgrim's Way	2	4	—	6
ROSEMARKET	...	Ellesmere Avenue	1	8	—	9
		St. Leonard's Park				
		Middle Street				
RUDBAXTON	...	Howard's Crescent,	1	2	—	3
		Crundale				
ST. BRIDES	...	Kensington Terrace	—	—	—	—
ST. DAVIDS	...	Carnhedryn	7	26	—	33
		Heol Dewi				
		Noddfa Dewi				
		Maes Dewi				
		Penygarn	—	10	—	10
ST. DOGWELLS	...	Glanclledau				
		Bryngomer				
ST. EDRINS	...	—	—	—	—	—
ST. ELVIS	...	—	—	—	—	—
ST. ISHMAELS	...	Lindsway Villas	—	9	—	9
		Trewarren Close				
ST. NICHOLAS	...	Bryn-y-werydd	1	—	—	1
		Llys-y-Driw				
SPITTAL	...	Wesley Way	1	2	—	3
STEYNTON	...	Tiers Cross	1	—	—	1
TALBENNY	...	—	—	—	—	—
TREFFGARNE	...	—	—	—	—	—

			HOUSING DEMAND			
PARISH		SITE	Subsidi- dised Houses	Flats and Bungs.	Ability to Pay.	TOTAL
UZMASTON	...	Riverside View	—	—	—	—
WALTON EAST	...	St. Mary's Avenue	—	—	—	—
WALTON WEST	...	Grassholm Place	8	16	—	24
		Millmoor Way				
WALWYN'S CASTLE	...	Walwyn's Castle	—	—	—	—
WHITCHURCH	...	Maes Ewan	3	22	—	25
		Western Avenue				
		Panteg Road				
WISTON	...	Oaklands Terrace	—	2	—	2
		Clarbeston Road	2	2	—	4
			121	322	32	475

APPENDIX "C"

HOUSING DEVELOPMENTS

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
AMBLESTON	Nant-yr-Eglwys	—	—	6	6	—
BOULSTON	—	—	—	—	—	—
BRAWDY	Treffgarne Owen	2	—	12	14	—
	Penycwm	—	—	20	20	—
BURTON	Hill Crescent	—	—	8	12	—
				4 Bngs.		
CAMROSE	Camrose North	—	2	—	2	—
	Croft Villas	—	—	12	12	—
	Sunnybank	—	—	4 Bngs.	4	—
	Pelcombe	—	—	16	16	—
	Keyston	—	—	6	6	—
	Simpson Cross	—	—	12 Bngs.	12	—
	Sunningdale	—	—	4 Bngs.	4	—
	—	—	—	—	—	—
CASTLEBYTHE	—	—	—	—	—	—
CATHEDRAL CLOSE	Meadow Vale	—	—	16	16	—
DALE	Cefn Coed	—	—	20	20	—
FISHGUARD SOUTH	West Gate	—	—	6 Bngs.	6	—
	Chapel Road	—	—	4 Bngs.	4	—
FREYSTROP	Heathfield Terrace	—	—	8	10	—
				2 Bngs.		
GRANSTON	—	—	—	—	—	—
HAMLET ST. MARTIN	Slade Lane	—	—	4 Hses.	8	—
				16 Flats.	20	—
HAMLET ST. THOMAS	Slade Villas	—	—	8	40	—
	Glen View	—	—	40		

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
HAROLDSTON ST. ISSELLS	St. Issells Avenue	...	—	54 7 Flats.	213	—
	St. Thomas Avenue	...	—	28		—
	Walters Avenue	...	—	20		—
	Haroldston Close	...	—	42		—
	St. Margaret's Close	...	—	12		—
	Jenkins Close	...	—	24 Bngs.		—
	2, Cottages (Pre-War acquired)	...	—	26 Bngs.		—
	Rose Cottage	...	—	2*	2*	—
	—	...	—	—	—	—
	North Leys	...	—	4	4	—
	Glan Hafod	...	—	14	14	—
	—	...	—	—	—	—
	St. Margaret's Way	...	—	18	20	—
	Haven Park	...	—	2 Bngs.		—
	—	...	—	30	30	—
	The Close	...	—	—	—	—
	Glebelands	...	—	72	198	3 Hses.
		...	—	40		4 Bngs.
	Greenhall Park	...	—	4 Bngs.		—
	Hillcroft	...	—	12 Flats.		—
		...	—	16		—
		...	—	11		—
	Langford Road	...	—	34 Bngs.		—
	Vine Road	...	—	6		—
	Panteg Terrace	...	3	—		—
	Trem-y-Garn	...	—	4	4	—
	Margam View	...	—	6	6	—
JORDANSTON		...	—	—		—
LAMBSTON		...	—	6	6	—
		...	—	—		—

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
LLANGWM	Glanhafan	—	—	22	68	—
	Lake Villas	—	—	4 Bngs.		—
	Rectory Road	—	—	6 Bngs.		—
	Esther's Lane	—	—	6 Bngs.		—
	Rectory Road (No. 14)	—	—	5 Bngs.		—
	Greenway, Hook	—	—	1*		8 Bngs.
	Greenway Close, Hook	—	—	12		—
	Furzey Crest, Hook	—	—	4 Bngs.		—
	Pill Road, Hook	—	—	6 Bngs.		—
LETTERSTON	Station Road	2	—	—	16	—
	Min-y-Llan	—	—	12		—
	Hyfrydle	—	—	4 Bngs.	68	—
	Spring Gardens	—	—	54		—
	Supply Stores	—	—	8 Bngs.		—
	—	—	—	6 Bngs.	—	—
LITTLE NEWCASTLE	—	—	—	1*	1*	—
LLANDELOY	Llandeloy Village	—	—	—	—	—
	Treffynon	—	—	8	8	—
LLANFAIRNANTYGOF	Ffos Las	—	—	6	6	—
LLANSTINAN	Wesley Place, Trecwn	—	—	16 Bngs.	16	—
LLANHOWELL	—	—	—	48	48	—
LLANLLAWER	—	—	—	—	—	—
LLANRHIAN	Heol Rhian, Llanrhian	—	—	—	—	—
	Penygroes	—	—	8	8	4 Bngs.
	Ael-y-Felin, Penparc	6	—	6 Bngs.	12	—
	Morawel, Croesgoch	—	—	20	20	—
	Bryn-y-Derwydd, Trevine	—	—	8	16	—
		—	—	8 Bngs.	8	—

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
LLANREITHAN ...	—	—	—	—	—	—
LLANSTADWELL	Alban Crescent, Waterston	—	—	30	30	2 Hses. 7 Bngs.
	St. Mary's Park, Jordanston	—	—	32*	32*	—
	Leonardston Road	—	—	9*	9*	—
	Greenlane, Waterston	—	—	3*	3*	—
	Church Road	—	—	2	6	—
		—	—	4 Flats.	—	—
	The Mill	—	—	3*Flats.	3*	—
LLANWINDA	Min-y-Rhos	—	—	5	10	—
		—	—	5 Bngs.	6	—
LLANYCHAER	Bryn Deri	—	—	6	—	—
MANOROWEN	—	—	—	—	—	—
MARLOES	Gay Lane Terrace	4	—	12 Hses.	20	—
		—	—	4 Bngs.	4	—
	Sunnyside	—	—	4 Bngs.	2	—
MATHRY	Brynamlwg	—	2	—	20	4 Bngs.
	Brynhedydd	—	—	12	—	—
		—	—	8 Bngs.	8	—
	Bryn-y-mor	—	—	4	—	—
		—	—	4 Bngs.	2	—
	Bryn Eirin	—	—	2 Bngs.	10	—
	Llwyn Celyn, Castlemorris	—	—	6	—	—
		—	—	4 Bngs.	—	—
MORVIL	—	—	—	—	—	—
NOLTON	Hilton Crest	—	—	6	6	—
NORTH PRENDERGAST	Glanafon View	—	—	12	12	—
PONTFAEN	—	—	—	—	—	—
PUNCHESTON	Park Avenue	—	—	10	10	—
ROBESTON WEST	Robeston West	—	—	6	6	—

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
ROCH	Pilgrim's Way	—	—	10	24	—
ROSEMARKET	Ellesmere Avenue	—	—	14 Bngs.	12	4 Bngs.
	St. Leonard's Park	—	—	12	14	—
RUSBAXTON ST. BRIDES ST. DAVIDS	Middle Street	—	—	2 Bngs.	8	—
	Howard's Crescent, Crundale	—	—	8 Bngs.	16	4 Bngs.
	Kensington Terrace	—	—	16	6	—
	Carnhedryn	—	2	6	2	—
	Heol Dewi	—	—	64 Hses.	64	1 Bng.
	Noddfa Dewi	—	—	6 Bngs.	6	—
ST. DCGWELLS	Maes Dewi	—	—	15 Bngs.	15	—
	Penygarn	—	—	7	39	—
	Glancledau	—	—	32 Bngs.	12	—
	Bryngomer	—	—	12	8	—
ST. EDRINS	—	—	—	4 Bngs.	—	—
ST. ELVIS	—	—	—	—	—	—
ST. ISHMAELS	Lindsway Villas	4	—	12	20	—
	Grove Road	—	—	4 Bngs.	—	—
ST. LAWRENCE	Trewaren Close	—	—	10	10	—
	—	—	—	—	—	—
ST. NICHOLAS	Bryn-y-werydd	—	—	6	8	—
	Llys-y-drw	—	—	2 Bngs.	—	—
SPITTAL	Wesley Way	—	—	18	24	—
	—	—	—	6 Bngs.	—	—
STEYNTON TALBENNY	Old Police House	—	—	1*	1*	—
	Tiers Cross	4	—	10	14	—
	Talbenny School House	—	—	1*	1*	—

PARISH	SITE	Pre War	War Time	Post War	TOTAL	Under Construction
TREFFGARNE	...	—	—	—	—	—
UZMASTON	Riverside View	—	—	8	8	—
WALTON EAST	St. Mary's Avenue	—	—	8	8	—
WALTON WEST	Grassholm Place	—	—	10	10	—
	Milmoor Way	—	—	4	8	—
				4 Bngs.		
WALWYN'S CASTLE	Walwyn's Castle	—	—	4	4	—
WHITCHURCH	Maes Ewan	—	—	20	20	7 Bngs.
	Western Avenue	—	—	48	57	—
				4 Bngs.		
	Bryn Seion	—	—	1 Bng.		—
	Panteg Road	—	—	4 Bngs.		
	Oaklands Terrace	—	—	8	10	2 Bngs.
WISTON				2 Bngs.		
	Clarbeston Road	—	2	12	22	—
				8 Bngs.		
		27	8	1639	1674	50

* Acquired and Improved

